

Zefeng (Daniel) Wang

(609) 454-1717 | wang.zef@husky.neu.edu | github.com/zefwang | linkedin.com/in/zefeng-daniel-wang/

EDUCATION

Northeastern University, Boston, MA

May 2022

Khoury College of Computer Science

Candidate for a BS in Computer Science and Business Administration, Concentration in Accounting

Overall | Major GPA: 3.82 | 4.0

Relevant Coursework: Object Oriented Design, Fundamentals of Computer Science I and II, Discrete Structures, Linear Algebra, (In Progress) Algorithms and Data Structures, Database Design

Honors and Awards: Dean's List, International Scholar, Top 10/Best Rookie Award at Hack Beanpot

SKILLS

- **Languages:** Java, JavaScript (NodeJS, React), SQL, HTML, CSS, Python, Racket
- **Tools:** MacOS, IntelliJ IDEA, Eclipse, Android Studio, Gradle, RESTful APIs
- **Miscellaneous:** Git, GitHub, Yarn, Babel, NPM, Sequelize, JSON, XML

EXPERIENCE

Sandbox at Northeastern

September 2019 - Present

Developer

Boston, MA

- Maintaining and improving SearchNEU, a React/Node website that facilitates searching for classes at Northeastern
- Implementing changes to ensure that faculty data on the site is up to date for the 42K unique users
- Partnering with team lead to move stored data to a permanent, more secure database

HackBeanpot Inc

May 2019 – Present

Core Team – Sponsorship

Boston, MA

- Working in an agile environment to organize and run an annual hackathon for approximately 200 Boston students
- Designed a detailed sponsorship packet and reached out to dozens of companies for financial backing
- Leading a team of three in revamping the judging system for students' projects to be more holistic and efficient

DoubleBridge Technologies

July – August 2019

Mobile App Development Intern

Princeton, NJ

- Researched and presented the use of Android Studio for mobile development in Java
- Developed an application that allows users to perform CRUD operations on MySQL database using a PHP framework
- Created another Android app that makes API calls asynchronously using REST API and parses through JSON data

PROJECTS

SearchNEU (NodeJS, Cheerio, PostgreSQL)

- Rewrote the web scraper classes that produce info from the college's site using Cheerio (implementation of JQuery)
- Moving data from temporary storage to a relational database in PostgreSQL by creating data models using Sequelize
- Refactoring the JavaScript backend and enforcing reliability using the Jest framework and snapshot testing

Emojify (Google Cloud API, Twilio API, Node.JS)

- Built a program that translates a text message from English into emojis using Twilio's Programmable SMS
- Trained a dataset that classifies content based on custom categories with Google's AutoML Natural Language API
- Developed code using Node to integrate the Twilio API and send responses based on the result of a Python script

CrimePot (Python, Flask)

- Implemented Google Maps API with HTML/CSS/JavaScript to place markers representing crimes on a map of Boston based on values inputted by the user
- Used a RESTful API to make HTTP requests using the Flask microframework to retrieve data from the Boston government Crime Incidents Reports through a CKAN action API
- Filtered through the JSON data based on user parameters and then converted to GeoJSON in Python through Flask

Interests: Hockey, music performance, competitive programming, eSports, poker